

REMARKS

Applicant is amending the claims in order to point out more particularly and claim more distinctly the subject matter that Applicant considers to be his invention. Specifically, Applicant has cancelled Claims 1 through 4 and replaced them with Claims 5 through 36. Support for these claims is to be found in the specification as follows.

Support for claim 5 may be found at page 14, line 14 through page 15, line 3; at page 21, line 2 through page 23 line 5, and in Figure 1.

Support for Claim 6 may be found at page 14, line 14 through page 15, line 3; at page 21, line 2 through page 23 line 5, and in Figure 1.

Support for Claim 7 may be found at page 14, line 14 through page 15, line 3; at page 23, line 8 through page 24, line 19 and Figure 2.

Support for Claim 8 may be found at page 15, lines 4 through 19; and page 24, line 20 through page 26, line 5; and Figure 3.

Support for Claim 9 at page 14, line 14 through page 15, line 3; at page 21, line 2 through page 24, line 19; and Figures 1 and 2.

Support for Claim 10 may be found at page 23, line 17 through page 24, line 2; and Figure 2, block 21.

Support for Claim 11 may be found at page 24, lines 9-16; and Figure 2, block 22.

Support for Claim 12 may be found at page 28, line 19 through page 30, line 4; and Figures 2 and 4;

Support for Claim 13 may be found at page 15, lines 4 through 19; at page 24, line 19 through page 26, line 5; and Figures 2 and 3.

Support for Claim 14 may be found at page 23, line 17 through page 24, line 2; at page 25, lines 5 through 6; and Figure 3, block 31.

Support for Claim 15 may be found at page 23, lines 11 through 15; at page 25, lines 7 through 16; at page 30, lines 5 through 10; and Figure 3, blocks 30 through 32.

Support for Claim 16 may be found at page 28, line 19 through page 30, line 4; and Figures 3 and 4.

Support for Claim 17 may be found at page 21, lines 15 through 17; at page 25, lines 6 through 15; at page 40, line 21 through page 41, line 2; and Figure 3.

Support for Claim 18 may be found at page 18, lines 18 through 19; at page 31, line 8 through page 32, line 8; at page 41, lines 6 through 8; at page 42, lines 4 through 8; at page 44, lines 11 through 22; and Figures 1 through 3.

Support for Claim 19 may be found at page 32, line 12 through page 33, line 21; and Figure 5.

Support for Claim 20 may be found at page 32, line 12 through page 33, line 21; and Figure 5.

Support for Claim 21 may be found page 32, lines 19 through 21; and at page 33, lines 4-9.

Support for Claim 22 may be found at page 32, line 19 through page 33, line 1; and at page 33, lines 4 through 9.

Support for Claim 23 may be found at page 33, lines 1 through 3; and at page 33, lines 4 through 9.

Support for Claim 24 may be found at page 33, lines 10 through 13; and at page 34, lines 1 through 7.

Support for Claim 25 may be found at page 33, lines 10 through 13; and at page 34, lines 1 through 7.

Support for Claim 26 may be found at page 17, lines 8 through 16; at page 34, line 8 through page 35, line 5; at page 42, lines 4 through 8; and at page 46, lines 2 through 5.

Support for Claim 27 may be found at page 17, lines 8 through 16; at page 35, lines 5 through 11; at page 34, line 8 through page 35, line 4; at page 42, lines 4 through 8; and at page 46, lines 2 through 5.

Support for Claim 28 may be found at page 17, line 17 through page 18, line 4; at page 36, line 10 through page 37, line 19; at page 45, line 20 through page 46, line 5; and Figure 6.

Support for Claim 29 may be found at page 37, line 20 through page 39, line 5; at page 17, line 17 through page 18, line 4; at page 36, line 10 through page 37, line 19; and at page 39, lines 11 through 13.

Support for Claim 30 may be found at page 39, lines 6 through 10; at page 17, line 17 through page 18, line 4; at page 36, line 10 through page 39, line 5; and at page 39, lines 11 through 13.

Support for Claim 31 may be found at page 18, lines 5 through 19; and at page 39, line 14 through page 40, line 5.

Support for Claim 32 may be found at page 18, lines 5 through 19; and at page 39, line 14 through page 40, line 5, together with page 17, line 17 through page 18, line 4; at page 36, line 10 through page 37, line 19; at page 45, line 20 through page 46, line 5; and Figure 6.

Support for Claim 33 may be found at page 18, lines 5 through 19; and at page 39, line 14 through page 40, line 5, together with page 39, lines 6 through 10; at page 17, line 17 through page 18, line 4; at page 36, line 10 through page 39, line 5; and at page 39, lines 11 through 13.

Support for Claim 34 may be found at page 18, lines 5 through 19; and at page 39, line 14 through page 40, line 5.

Support for Claim 35 may be found at page 18, lines 5 through 19; and at page 39, line 14 through page 40, line 5, together with page 17, line 17 through page 18, line 4; at page 36, line 10 through page 37, line 19; at page 45, line 20 through page 46, line 5; and Figure 6.

Support for Claim 36 may be found at page 18, lines 5 through 19; and at page 39, line 14 through page 40, line 5, together with page 39, lines 6 through 10; at page 17, line 17 through page 18, line 4; at page 36, line 10 through page 39, line 5; and at page 39, lines 11 through 13.

Support for Claim 37 may be found at page 40, lines 6 through 14; at page 18, lines 5 through 19; and at page 39, line 14 through page 40, line 5.

Support for Claim 38 may be found at page 40, lines 6 through 14; at page 18, lines 5 through 19; and at page 39, line 14 through page 40, line 5 together with page 17, line 17

through page 18, line 4; at page 36, line 10 through page 37, line 19; at page 45, line 20 through page 46, line 5; and Figure 6.

Support for Claim 39 may be found at page 40, lines 6 through 14; at page 18, lines 5 through 19; and at page 39, line 14 through page 40, line 5, together with page 39, lines 6 through 10; at page 17, line 17 through page 18, line 4; at page 36, line 10 through page 39, line 5; and at page 39, lines 11 through 13.

Support for Claim 40 may be found at page 40, line 18 through page 41, line 9; at page 18, lines 18 through 19; at page 31, line 8 through page 32, line 8; at page 41, lines 6 through 8; and at page 44, lines 11 through 22.

Support for Claim 41 may be found at page 42, line 9 through page 43, line 9; at page 19, lines 7 through 10; at page 18, lines 1 through 4; at Figures 7.

Support for Claim 42 may be found at page 42, line 9 through page 43, line 9; at page 19, lines 7 through 10; at page 18, lines 1 through 4; at Figures 7 together with page 17, line 17 through page 18, line 4; at page 36, line 10 through page 37, line 19; at page 45, line 20 through page 46, line 5; and Figure 6.

Support for Claim 43 may be found at page 42, line 9 through page 43, line 9; at page 19, lines 7 through 10; at page 18, lines 1 through 4; at Figures 7, together with page 39, lines 6 through 10; at page 17, line 17 through page 18, line 4; at page 36, line 10 through page 39, line 5; and at page 39, lines 11 through 13.

Support for Claim 44 may be found at page 41, line 10 through page 42, line 8; at page 28, lines 8 through 12; and at page 33, lines 17 through 21.

Support for Claim 45 may be found at page 41, line 10 through page 42, line 8; at page 28, lines 8 through 12; and at page 33, lines 17 through 21, together with page 17, line 17 through page 18, line 4; at page 36, line 10 through page 37, line 19; at page 45, line 20 through page 46, line 5; and Figure 6.

Support for Claim 46 may be found at page 41, line 10 through page 42, line 8; at page 28, lines 8 through 12; and at page 33, lines 17 through 21, together with page 39, lines 6 through 10; at page 17, line 17 through page 18, line 4; at page 36, line 10 through page 39, line 5; and at page 39, lines 11 through 13.

Applicant is submitting a revised Figure 3 in order to correct a typographic error that occurred in the originally submitted drawing. No new matter is being introduced by this change.

CONCLUSION

Applicants request expeditious examination of the application with the revised claims. Should there be issues that require rapid resolution, it is respectfully requested that the Examiner telephone Frederick C. Williams, Applicants' Attorney at (202) 842-0445.

Respectfully submitted,

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Date

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In the drawings:

Please substitute the following drawing page for sheet number 3, Figure 3, of the originally submitted drawings.